| Name and code of the subject: Machine Design III. (English course) BBWGE6B0NE Faculty: Mechatronics Course leader: Dr. Tibor J. Goda Lecturer: Dr. Tibor J. Goda Prestudy conditions Machine Design I. and Machine Design II. (code) Machine Design I. and Machine Design II. (wekly teaching Lecture: 2 Classrom practice.: - Lab: 2 Consultation: - hours: exam Curriculum The objective of the course: The students study the basic knowledge of mechanical drives and driving systems. The main topics: electric motors, rolling bearings, rolling bearing arrangements, flat belt drives, V-belt drives, friction drives, spur gears and helical gears, gear boxes. Schedule and requirements Educational weeks 1 Fundamentals. Electric motors. 2. Rolling bearings 3. NO TEACHING 4. Rolling bearing arrangements. 5. Problem solutions. 9. V-belt drives. 10. Problem solutions. 11. Friction drives. 12. Spur gears. Helical gears. 13. Gear boxes. 14. Problem solutions. 2. </th <th colspan="5">Óbuda University, Donát Bánki Faculty of Me-</th> <th colspan="4">Institute for Natural Sciences and Basic Subjects</th> | Óbuda University, Donát Bánki Faculty of Me- | | | | | Institute for Natural Sciences and Basic Subjects | | | |
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